

Date : 03/30/2017

TÜV Rheinland PTL, LLC  
1107 West Fairmont Drive, Bldg A  
Tempe AZ 85282  
USA

Attn: Todd Arends

**Re. : CA Canada Certificate**

Type of Equipment : Photovoltaic (PV) Module  
Model Designation : See Certificate  
Certificate No. : CA 72170279 0001  
File No. : 31780283 001  
Engineer/Contact : Todd Arends  
Standard(s) : CAN/CSA-C22.2 No. 61730-1:11  
CAN/CSA-C22.2 No. 61730-2:11

Dear Madame or Sir,


The above referenced technical equipment has been tested and was found to be in accordance with the listed test requirement(s). Enclosed, please find the TÜV Rheinland Certification document No. CA 72170279 0001.

Please forward the original to the license holder.

Call the TÜV hotline at 1-TÜV-Rheinland (1-888-743-4652) to get answers for all your compliance needs.

If we can be of any further assistance to you, please do not hesitate to contact us.

Sincerely yours,  
Certification Body

  
Dipl.-Ing. M. Glagla  
QA Certification Officer

Enclosure

TÜV Rheinland  
of North America, Inc.  
North American Headquarters

12 Commerce Road  
Newtown, CT 06470

Tel 203-426-0888  
Fax 203-426-4009  
Toll Free TÜV-RHEINLAND  
Mail info@tuv.com  
Web www.tuv.com

Member of  
TÜV Rheinland Group

Date : 03/30/2017

Mundra Solar PV Ltd.  
Survey No. 180 P & Others,  
Tunda, Mundra,  
370421 Kachchh, Gujarat  
India  
Attn: N. Devendiran

**Re. : CA Canada Certificate**

Type of Equipment : Photovoltaic (PV) Module  
Model Designation : See Certificate  
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Standard(s) : CAN/CSA-C22.2 No. 61730-1:11  
CAN/CSA-C22.2 No. 61730-2:11

Dear Mr. Devendiran,

The above referenced technical equipment has been tested and was found to be in compliance with the listed test requirement(s). Enclosed, please find the TUV Rheinland approval document No. CA 72170279 0001.  
It authorizes you to label the listed product(s) with the TUV Rheinland Mark identified in the approval document.  
For compliance, the Test Mark must be on the approved unit.

Your product is subject to regular factory follow-up inspections as well as annual certificate and factory registration fees.

In using the TUV Rheinland Mark you are obligated to comply with the TUV Rheinland of North America Service Agreement.

If we can be of any further assistance to you, please do not hesitate to contact us.

Sincerely yours,  
Certification Body

  
Dipl.-Ing. M. Glagla  
QA Certification Officer

Enclosure

TUV Rheinland  
of North America, Inc.  
North American Headquarters

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Mail info@tuv.com  
Web www.tuv.com

Member of  
TUV Rheinland Group



# Certificate



Certificate no.

CA 72170279 01

**License Holder:**

Mundra Solar PV Ltd.  
Survey No. 180 P & Others,  
Tunda, Mundra,  
370421 Kachchh, Gujarat  
India

**Manufacturing Plant:**

Mundra Solar PV Ltd.  
Survey No. 180 P & Others,  
Tunda, Mundra,  
370421 Kachchh, Gujarat  
India

Test report no.: USA- 31780283 001

Client Reference: N. Devendiran

Tested to: CAN/CSA-C22.2 No. 61730-1:11/08.11  
CAN/CSA-C22.2 No. 61730-2:11/08.11

Certified Product: Photovoltaic (PV) Module

License Fee - Units

**Model Designation:**

With 6# poly cells:

- 1) ASP - 7 - AAA (AAA = 290-350, 72 cells)
- 2) ASP - 6 - AAA, ASP - 6 - B - AAA,  
ASP - 6 - AB - AAA (AAA = 240-290, 60 cells)
- 3) ASP - 5 - AAA, ASP - 5 - B - AAA,  
ASP - 5 - AB - AAA (AAA = 215-260, 54 cells)
- 4) ASP - 4 - AAA, ASP - 4 - B - AAA,  
ASP - 4 - AB - AAA (AAA = 190-230 48 cells)
- 5) ASP - 3 - AAA, ASP - 3 - B - AAA,  
ASP - 4 - AB - AAA (AAA = 145-175, 36 cells)

contd.

Appendix: 1, 1-7

Licensed Test mark:



Date of Issue

(day/mo/yr)

29/03/2017



# Certificate



Certificate no.

CA 72170279 02

**License Holder:**

Mundra Solar PV Ltd.  
Survey No. 180 P & Others,  
Tunda, Mundra,  
370421 Kachchh, Gujarat  
India

**Manufacturing Plant:**

Mundra Solar PV Ltd.  
Survey No. 180 P & Others,  
Tunda, Mundra,  
370421 Kachchh, Gujarat  
India

Test report no.: USA- 31780283 001

Client Reference: N. Devendiran

Tested to: CAN/CSA-C22.2 No. 61730-1:11/08.11  
CAN/CSA-C22.2 No. 61730-2:11/08.11

**Certified Product:** Photovoltaic (PV) Module

**License Fee - Units**

**Model Designation (contd):**

- With 6# mono cells:
- 6) ASM - 7 - PERC - AAA (AAA=310-375, 72 cells)
  - 7) ASM - 6 - PERC - AAA, ASM - 6 - B - PERC - AAA,  
ASM - 6 - AB - PERC - AAA (AAA=260-310, 60 cells)
  - 8) ASM - 5 - PERC - AAA, ASM - 5 - B - PERC - AAA,  
ASM - 5 - AB - PERC - AAA (AAA=230-280, 54 cells)
  - 9) ASM - 4 - PERC - AAA, ASM - 4 - B - PERC - AAA,  
ASM - 4 - AB - PERC - AAA (AAA=205-250, 48 cells)
  - 10) ASM - 3 - PERC - AAA, ASM - 3 - B - PERC - AAA,  
ASM - 3 - AB - PERC - AAA (AAA=155-185, 36 cells)
- contd.

**Licensed Test mark:**



**Date of Issue**

(day/mo/yr)

29/03/2017



# Certificate



Certificate no.

CA 72170279 03

**License Holder:**

Mundra Solar PV Ltd.  
Survey No. 180 P & Others,  
Tunda, Mundra,  
370421 Kachchh, Gujarat  
India

**Manufacturing Plant:**

Mundra Solar PV Ltd.  
Survey No. 180 P & Others,  
Tunda, Mundra,  
370421 Kachchh, Gujarat  
India

**Test report no.:** USA- 31780283 001

**Client Reference:** N. Devendiran

**Tested to:** CAN/CSA-C22.2 No. 61730-1:11/08.11  
CAN/CSA-C22.2 No. 61730-2:11/08.11

**Certified Product:** Photovoltaic (PV) Module

**License Fee - Units**

contd.

Maximum System Voltage: DC 1000V  
Fire Class Rating: Class C

Electrical ratings are provided at Standard Test Conditions  
(STC) 1000W/m<sup>2</sup>, AM1.5 spectrum, 25°C cell temperature.  
Measured values at STC are within +/- 10% of ratings.

**Licensed Test mark:**



**Date of Issue**  
(day/mo/yr)  
29/03/2017